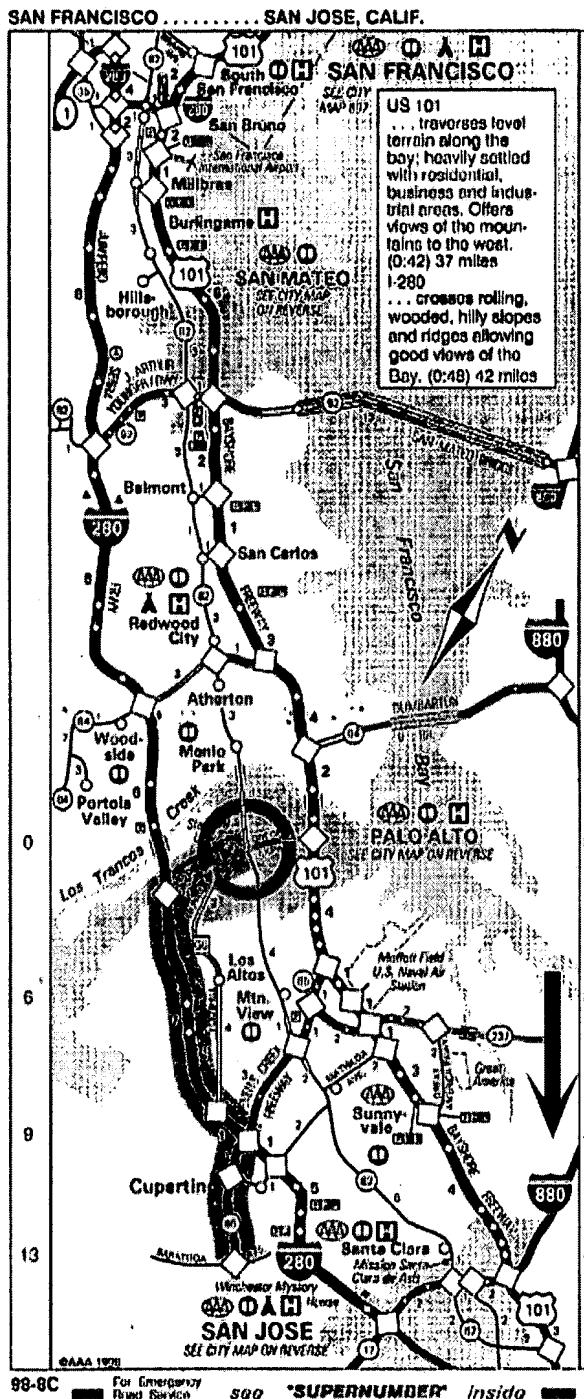
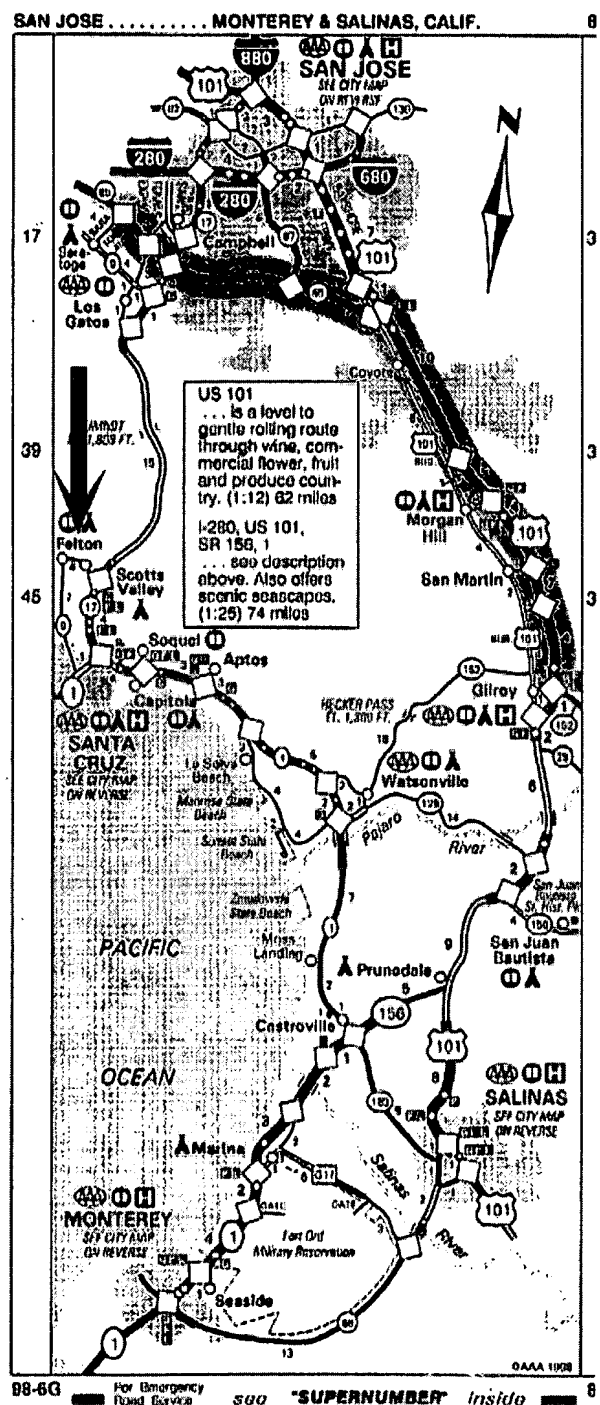


FIG. 1

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Page 1



Page 2

(Prior Art)

FIG. 2

Map of the San Francisco Bay Area showing major highways and cities. The map includes labels for cities like San Francisco, San Jose, and Oakland, and highways like I-805, I-580, and I-680. A scale bar indicates 10 miles.

Map of the study area showing the location of the study area (2) relative to Stockbridge Ave, Atherton Ave, and Valparaiso Ave. The map includes a scale bar (2500 ft) and a north arrow.



FIG. 3

A hand-drawn sketch map of the San Francisco Bay Area. The map includes the following elements:

- Orientation:** An arrow points upwards, labeled "NORTH".
- Landmarks:**
 - "CAL CAMPUS" is marked with an arrow pointing to a location near "Berkeley".
 - "Berkeley" is enclosed in a rectangular box.
 - "OAKLAND" is enclosed in a rectangular box.
 - "SF" (San Francisco) is enclosed in a rectangular box on the left side.
- Distances and Routes:**
 - "Bay Bridge" is labeled with "80 (3 miles)".
 - "24 EAST" is labeled with "1 1/2 miles".
 - "580 EAST" is labeled with "1/2 mile".
 - "101 NORTH" is labeled with "2 miles".
 - "84" is labeled with "(2 miles)".
 - "ALAMEDA DE LAS PULGAS" is labeled with "(2 miles)".
 - "OAKLEY" is labeled with "XXXX" and a circle containing a cross symbol.
- Other Labels:**
 - "landmark" with an arrow pointing to "CAL CAMPUS".
 - "context city" with an arrow pointing to "OAKLAND".
 - "breakage" symbol with an arrow pointing to a break in the line between "101 NORTH" and "84".
 - "start symbol" with an arrow pointing to the "OAKLEY" symbol.
- Geographical Features:**
 - "DUGAN (1 BLOCK)" and "CHANNING" are labeled near "Berkeley".
 - "CLAREMONT" is labeled near "OAKLAND".
 - "COLLEGE" is labeled near "Berkeley".
 - "PREDMONT" is labeled near "Berkeley".

FIG. 4

000000 94922260

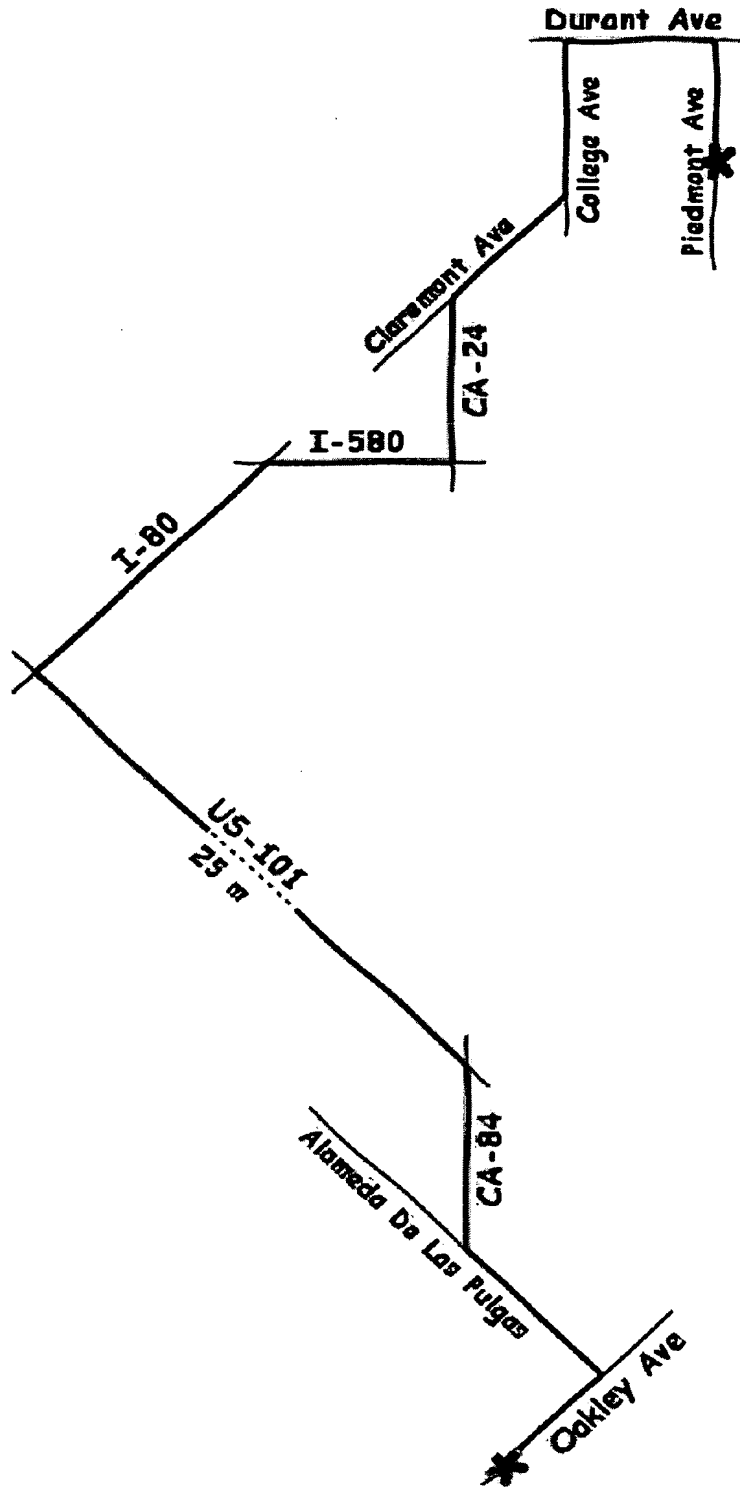


FIG. 5

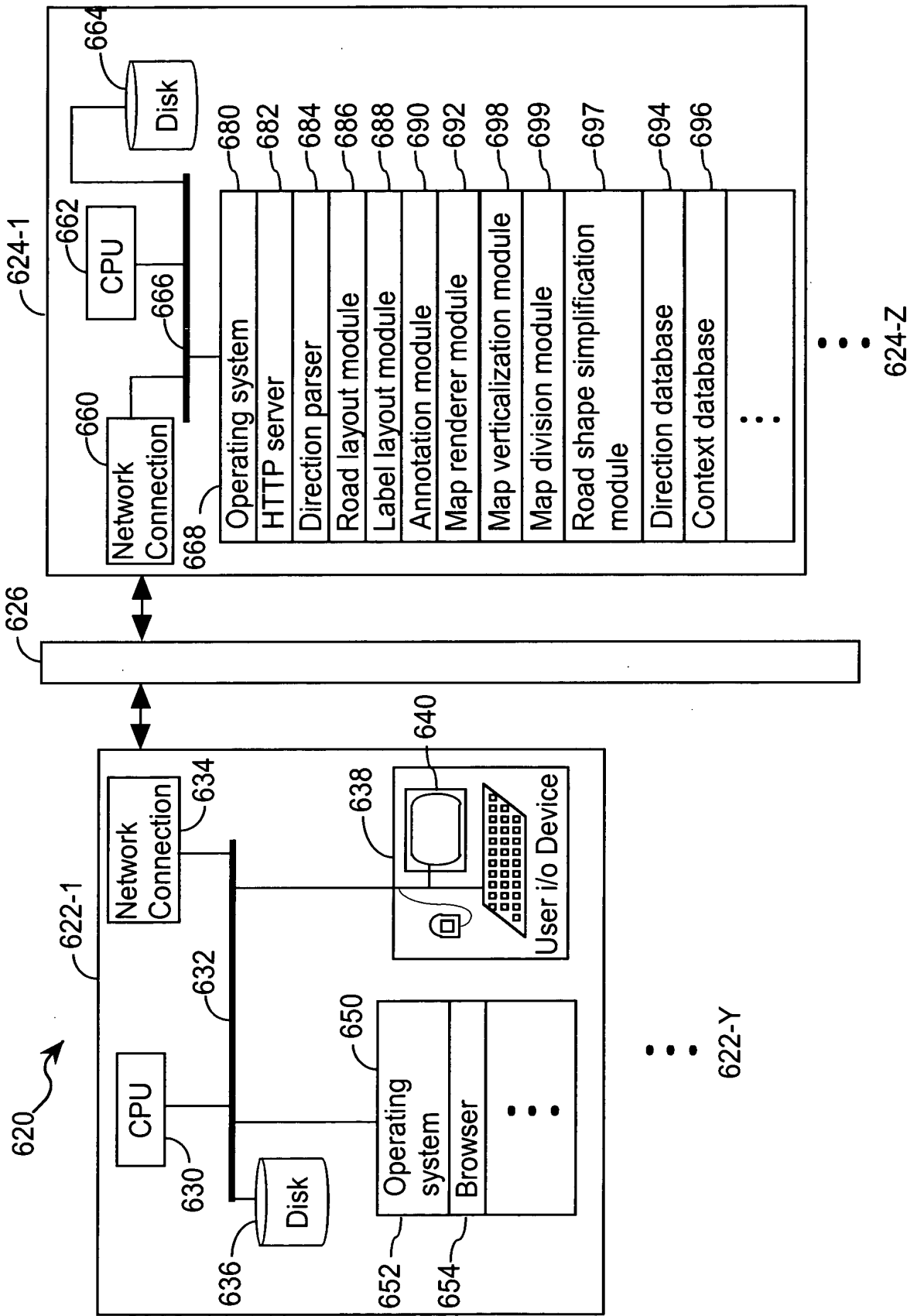


FIG. 6

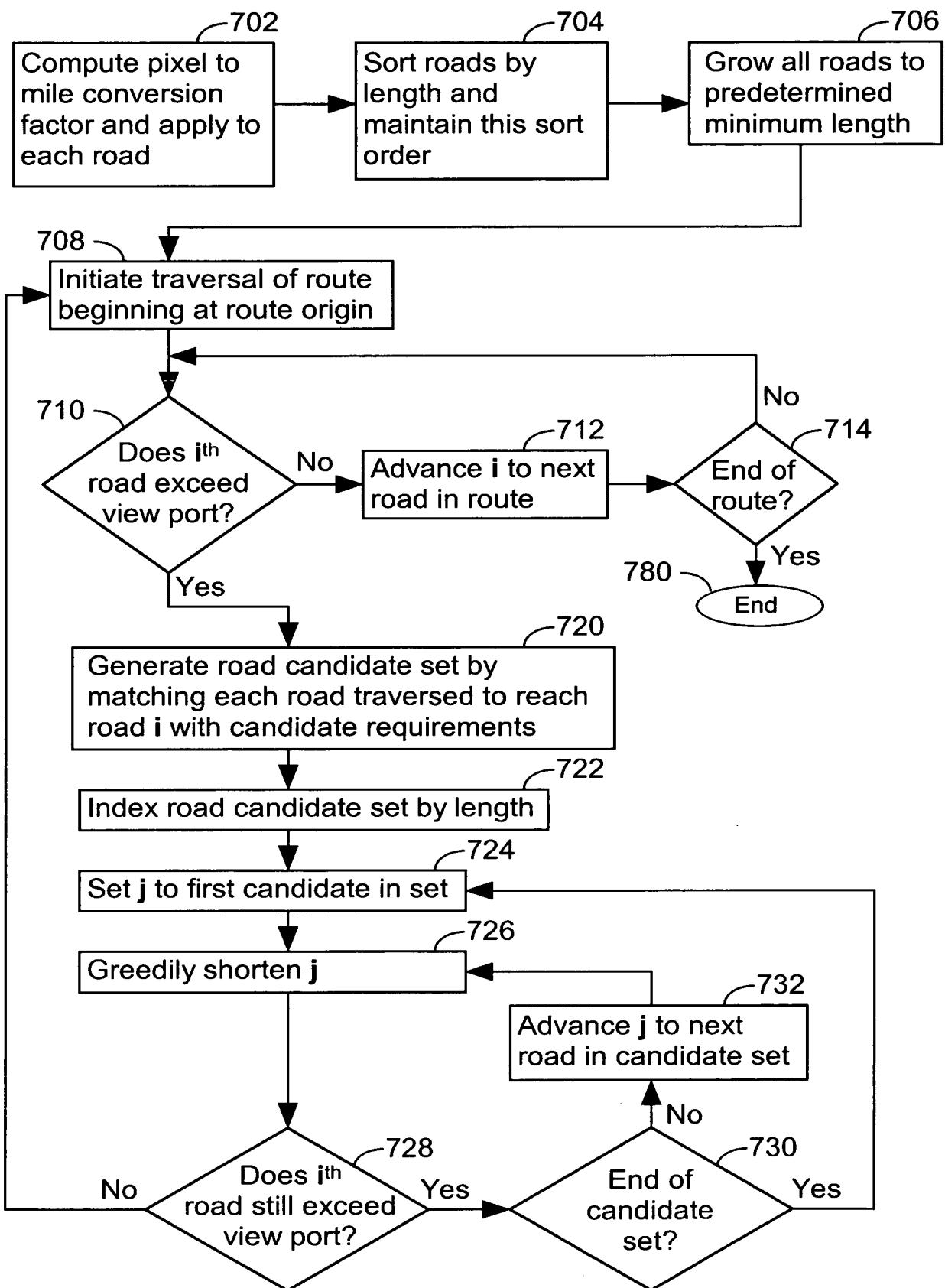


FIG. 7

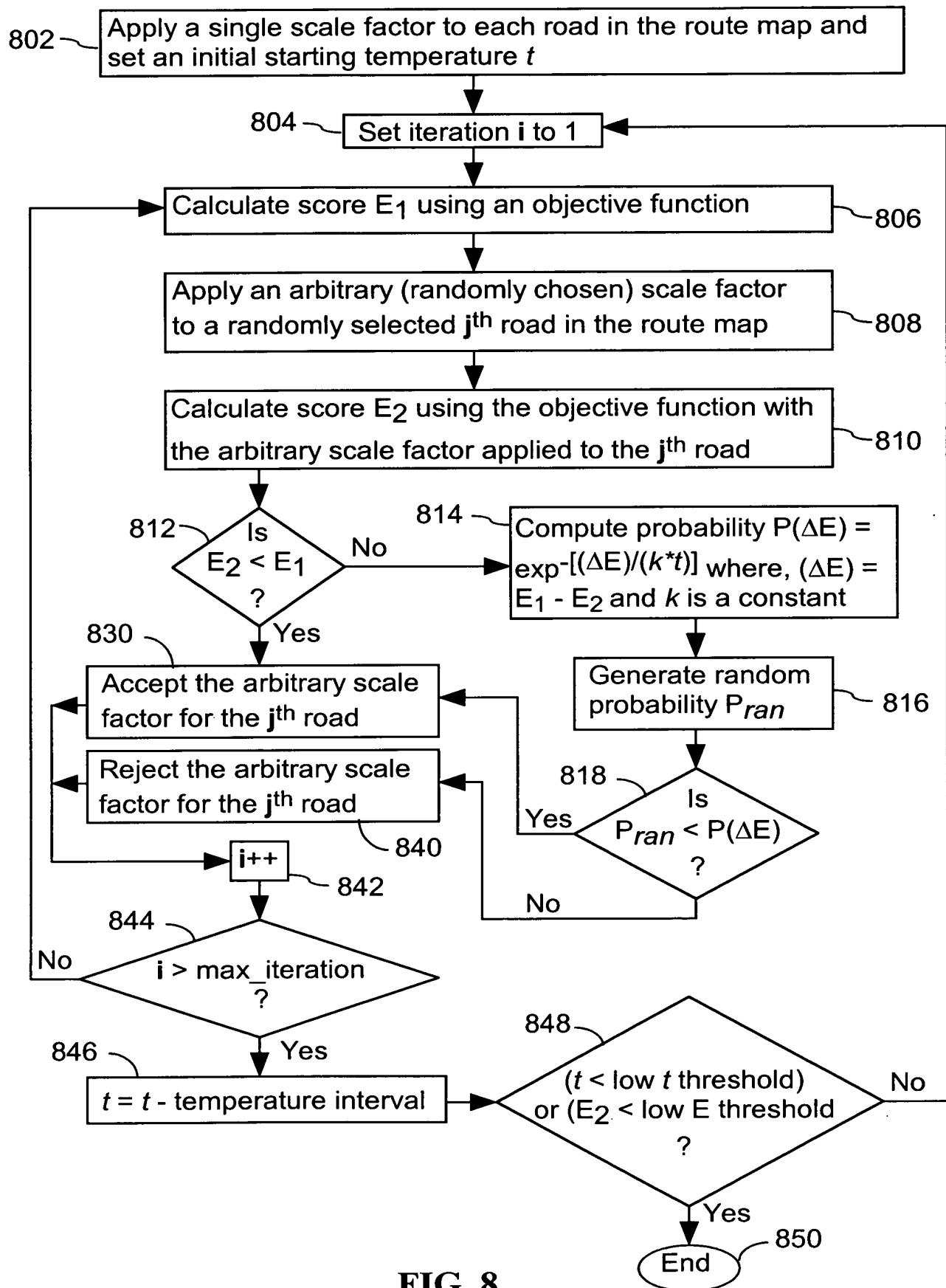


FIG. 8

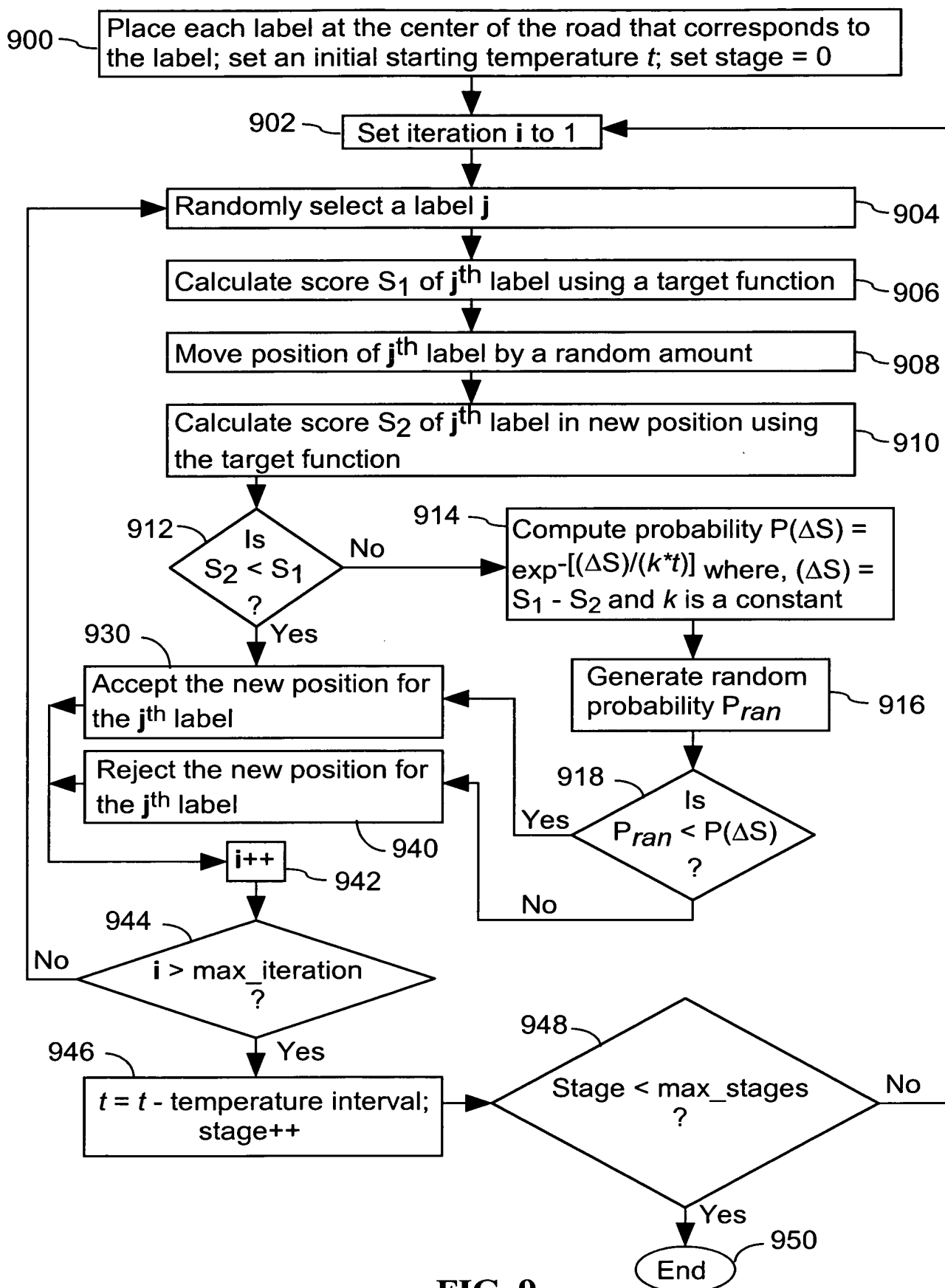


FIG. 9

1002

Ord Ferry Rd

CA-45

CA-32, W 9th St

Dayton Rd

Main St

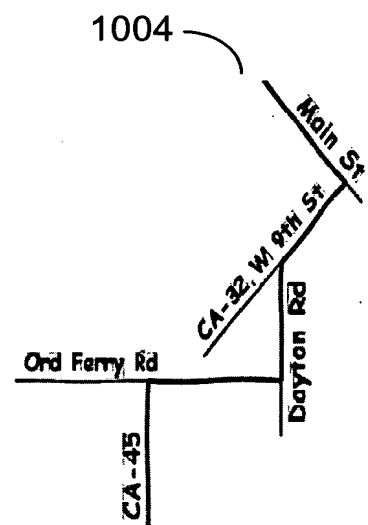


FIG. 10

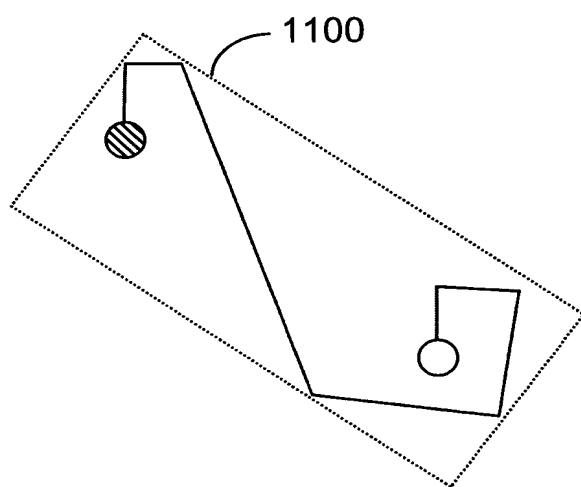


FIG. 11A

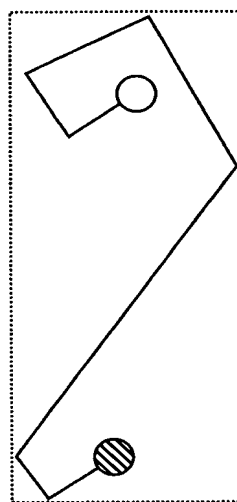


FIG. 11B

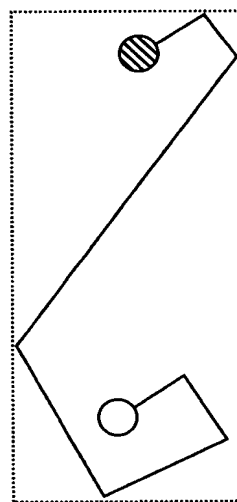


FIG. 11C

The map shows a route starting from a point labeled '1202' with a north arrow. The route proceeds south on XXX 1st Ave N (0.5 miles) to Valley St. (0.5 miles), then east on Denny Way (0.5 miles) to Stewart St. (0.2 miles). From Stewart St., the route goes north on an unnamed road (1.1 miles), then east on WA-520 (5.6 miles) to Lake Washington Blvd NE (2.1 miles). Finally, the route goes south on Bellevue Way NE (1.9 miles) to XXX NE 6th St.

FIG. 12

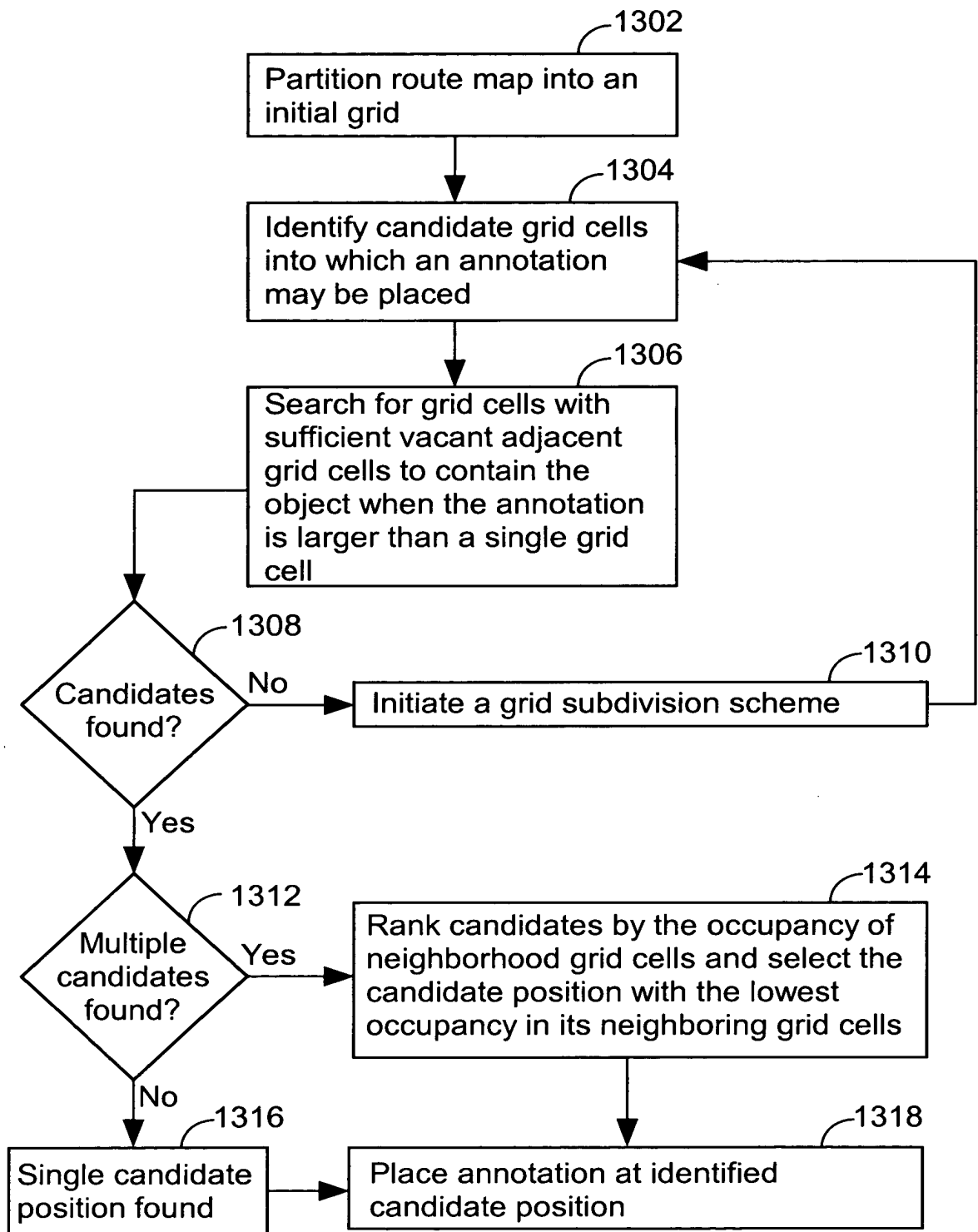


FIG. 13

[illegible]

FIG. 14

Figure 1 shows the results of the analysis of variance for the effect of the different factors on the response variables. The analysis of variance for the effect of the different factors on the response variables is presented in Table 1. The analysis of variance for the effect of the different factors on the response variables is presented in Table 1. The analysis of variance for the effect of the different factors on the response variables is presented in Table 1.

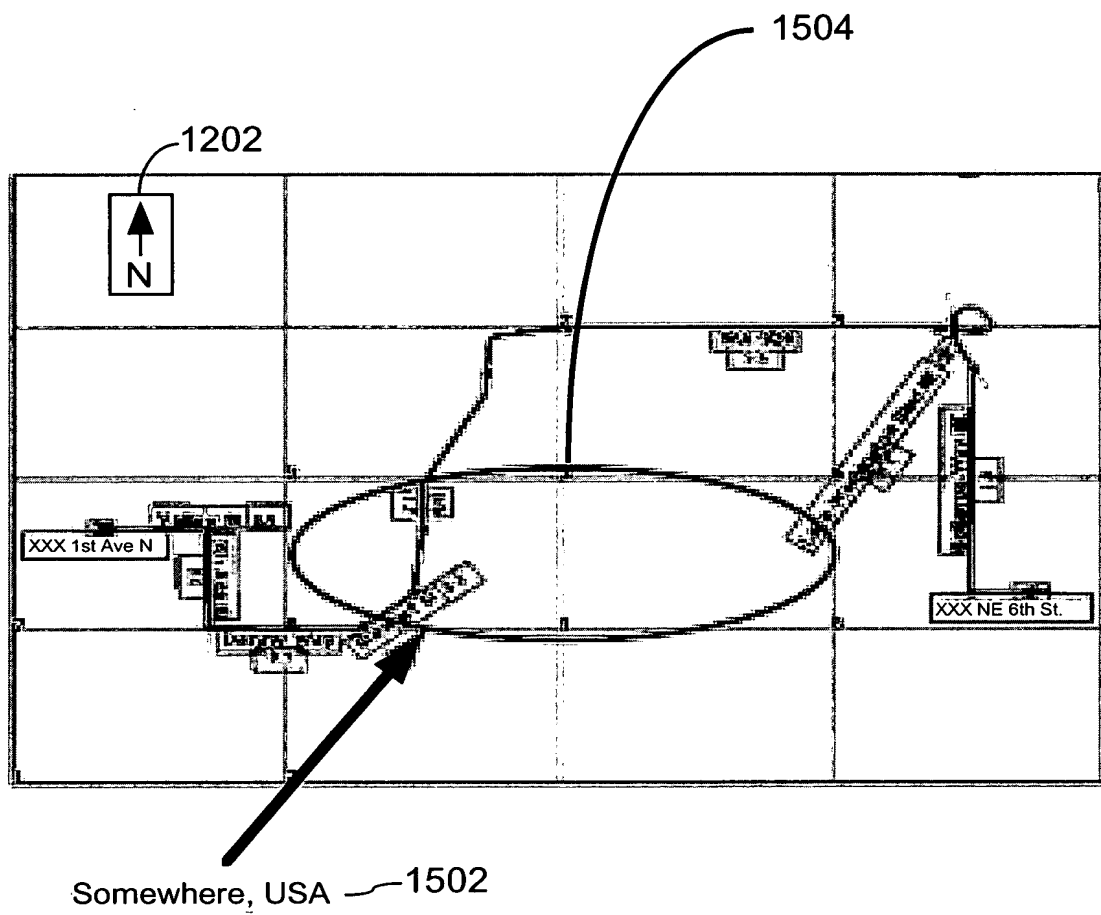


FIG. 15

A map showing a street grid. A north arrow points upwards and is labeled "N". A label "1202" points to a location at the top left. A label "Somewhere, USA" has an arrow pointing to it from below. A label "1502" has an arrow pointing to it from below.

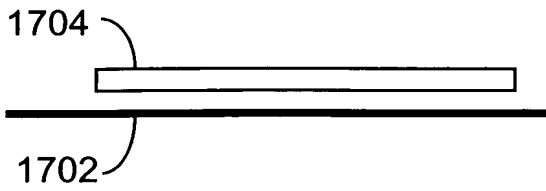


FIG. 17A

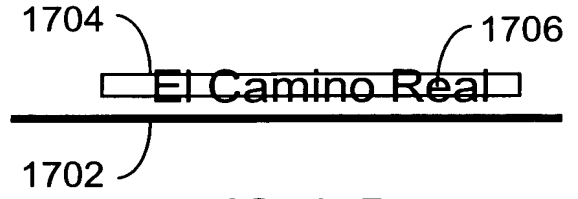


FIG. 17B

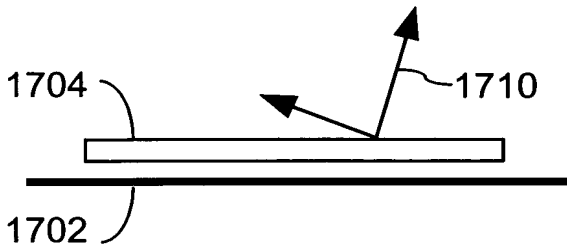


FIG. 17C

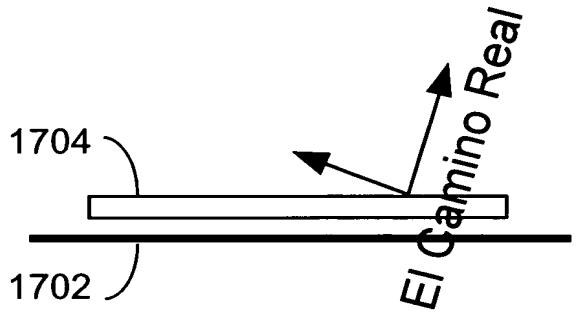


FIG. 17D



FIG. 18A



FIG. 18B



FIG. 18C



FIG. 18D



FIG. 18E

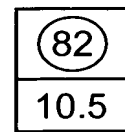


FIG. 18F

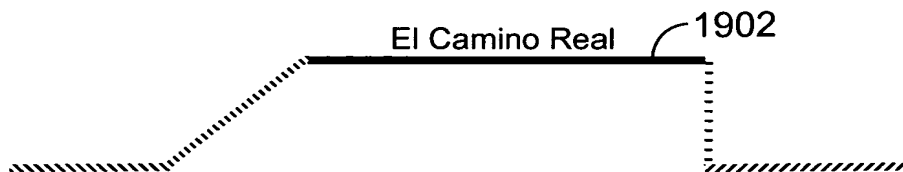


FIG. 19A

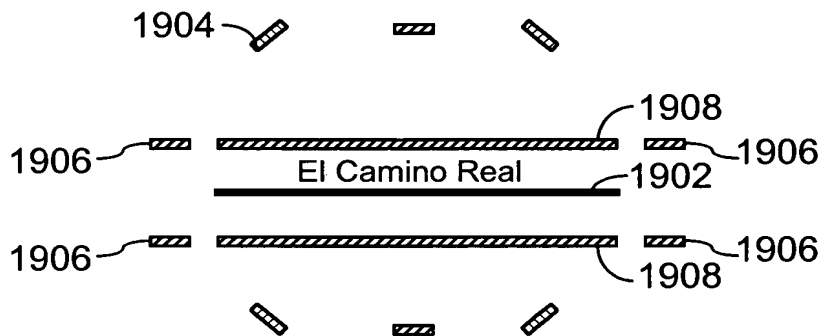


FIG. 19B

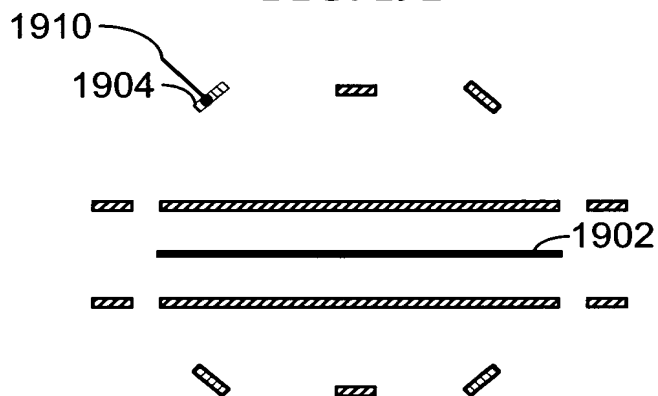


FIG. 19C

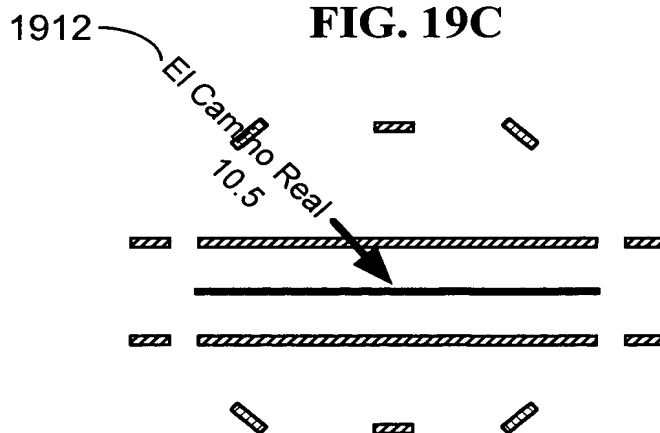


FIG. 19D

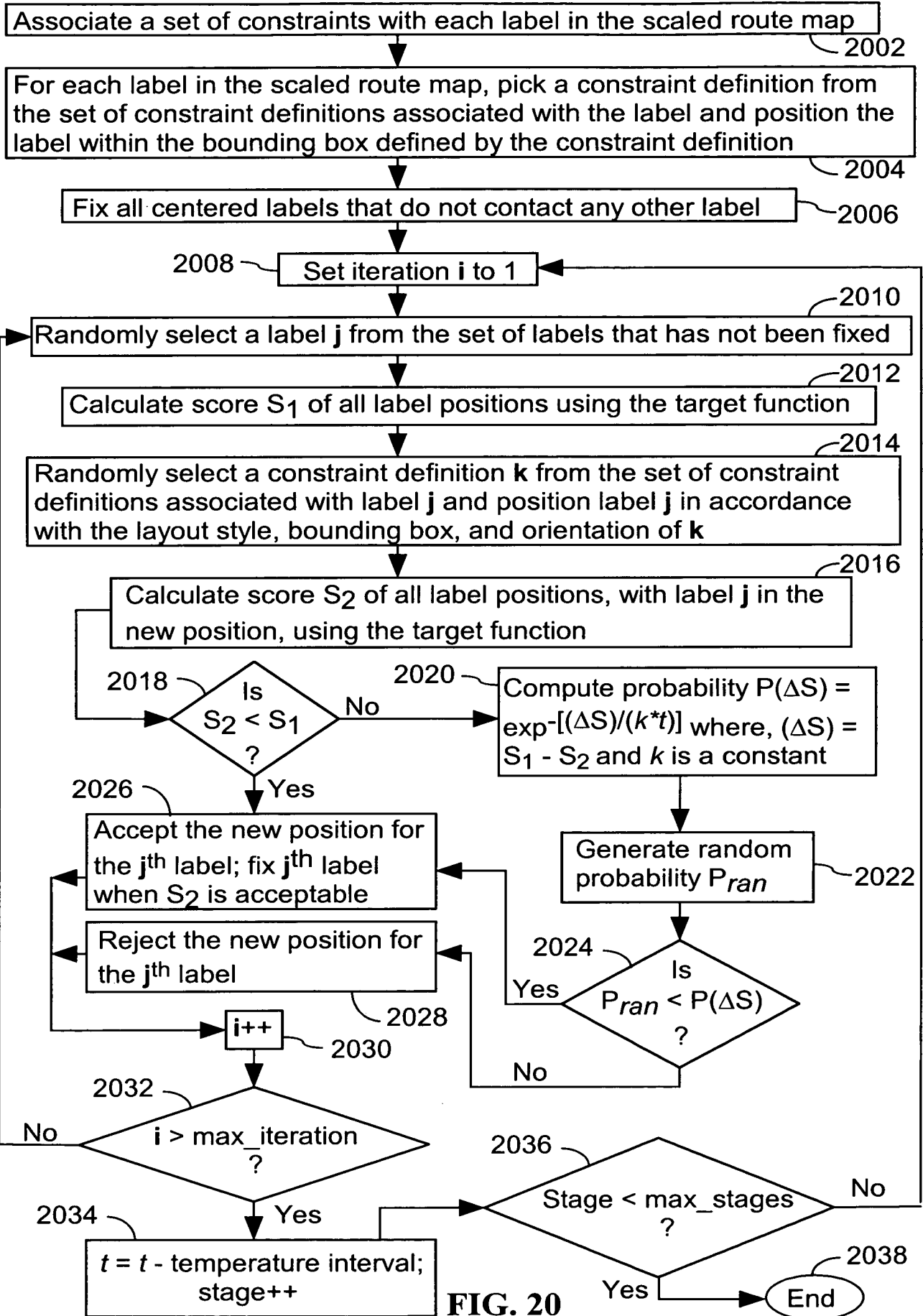


FIG. 20

FIG. 21A

From: XX Oak St
San Francisco, CA 94102-6011
To: XXX University Ave
Palo Alto, CA 94301-1628

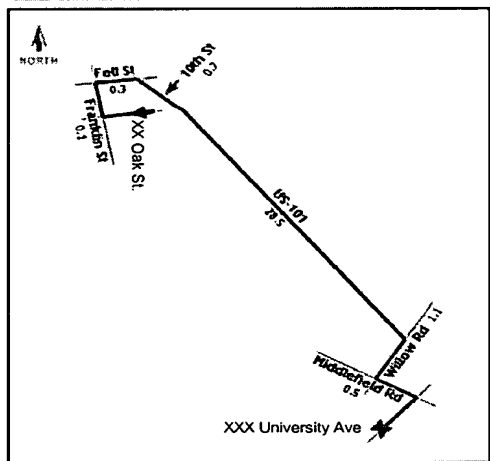


FIG. 21B

The estimated travel time is 34 minutes for 32.28 miles of travel, total of 10 steps.

Directions (Elapsed Distance)	
1	Begin at XX Oak St on Oak St and go West for about 300 feet (0.1)
2	Turn right on Franklin St and go North for about 300 feet (0.1)
3	Turn right on Fell St and go East for 0.2 miles (0.3)
4	Turn right on 10th St and go Southeast for 0.6 miles (0.9)
5	Turn left on ramp and go Southeast for 0.3 miles (1.2)
6	Bear right on US-101 and go Southeast for 28.5 miles (29.7)
7	Continue on ramp at sign reading "Willow Road to Menlo Park" and go Southeast for 0.2 miles (29.9)
8	Turn right on Willow Rd and go Southwest for 1.0 miles (30.9)
9	Turn left on Middlefield Rd and go Southeast for 0.5 miles (31.4)
10	Turn right on University Ave and go Southwest for 0.9 miles to XXX University Ave (32.3)

FIG. 21C

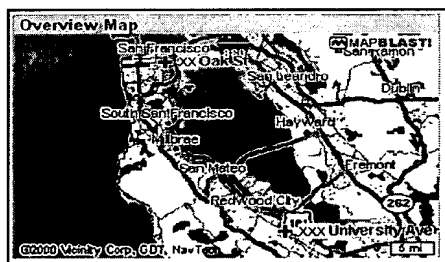


FIG. 21D

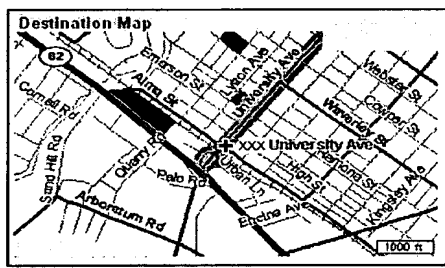


FIG. 21E

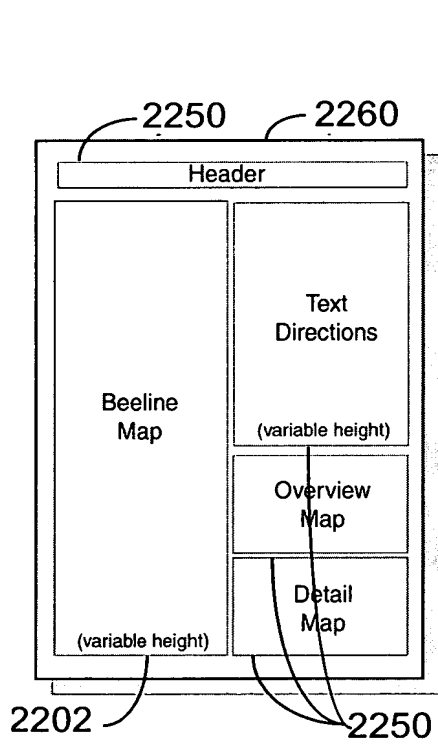


FIG. 22A

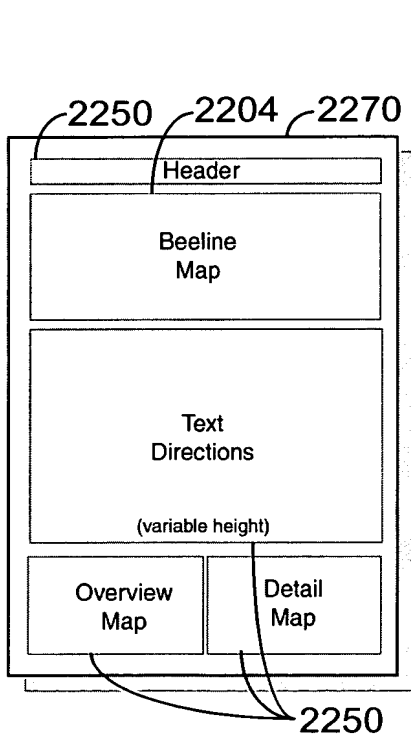


FIG. 22B

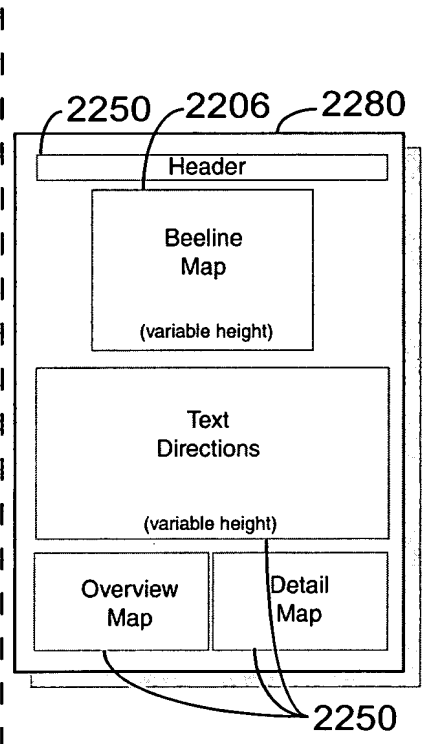


FIG. 22C

The map shows the proposed route for the WA-520 project. The route is marked with a thick black line and includes the following segments and distances:

- Queen Anne Blvd to Warren Ave N (marked with an 'X')
- Warren Ave N to Valley St (0.5 miles)
- Valley St to 5th Ave N (0.6 miles)
- 5th Ave N to Denny Way (0.9 miles)
- Denny Way to Stewart St (0.2 miles)
- Stewart St to 1st St (1.3 miles)
- 1st St to WA-520 (5.6 miles)
- WA-520 to 32nd St (1.8 miles)
- 32nd St to Lake Washington Blvd NE (0.1 miles)
- Lake Washington Blvd NE to 8th St (marked with an 'X')

A north arrow is located in the top left corner of the map.

FIG. 23

000277-9492260

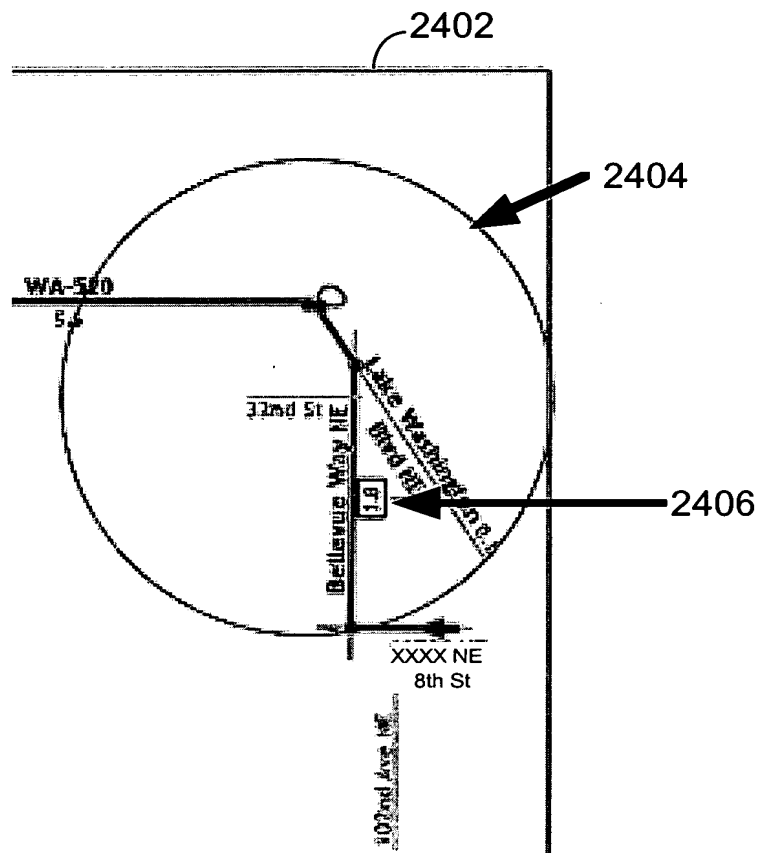


FIG. 24

FIG. 25

- 2602

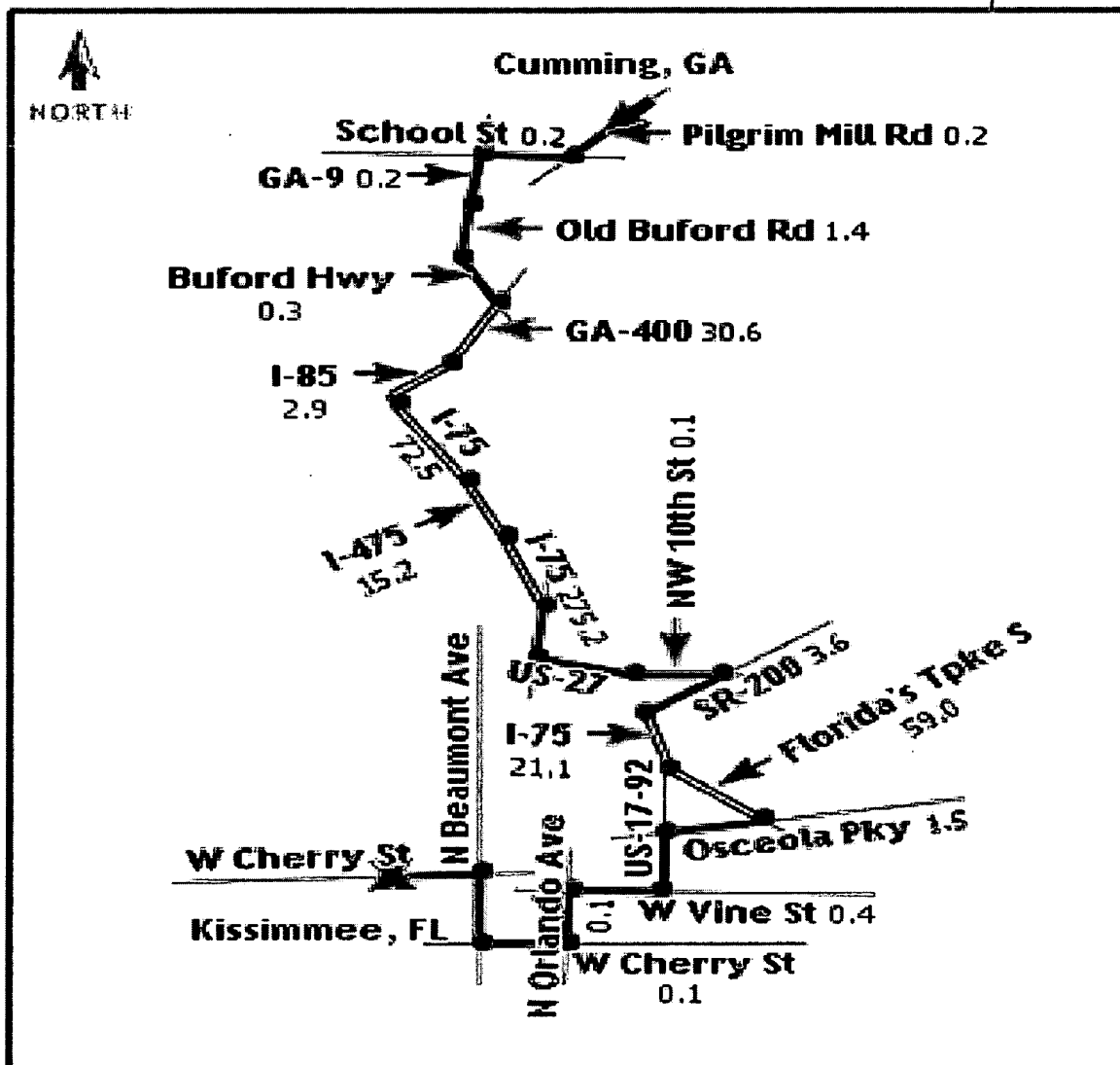


FIG. 26

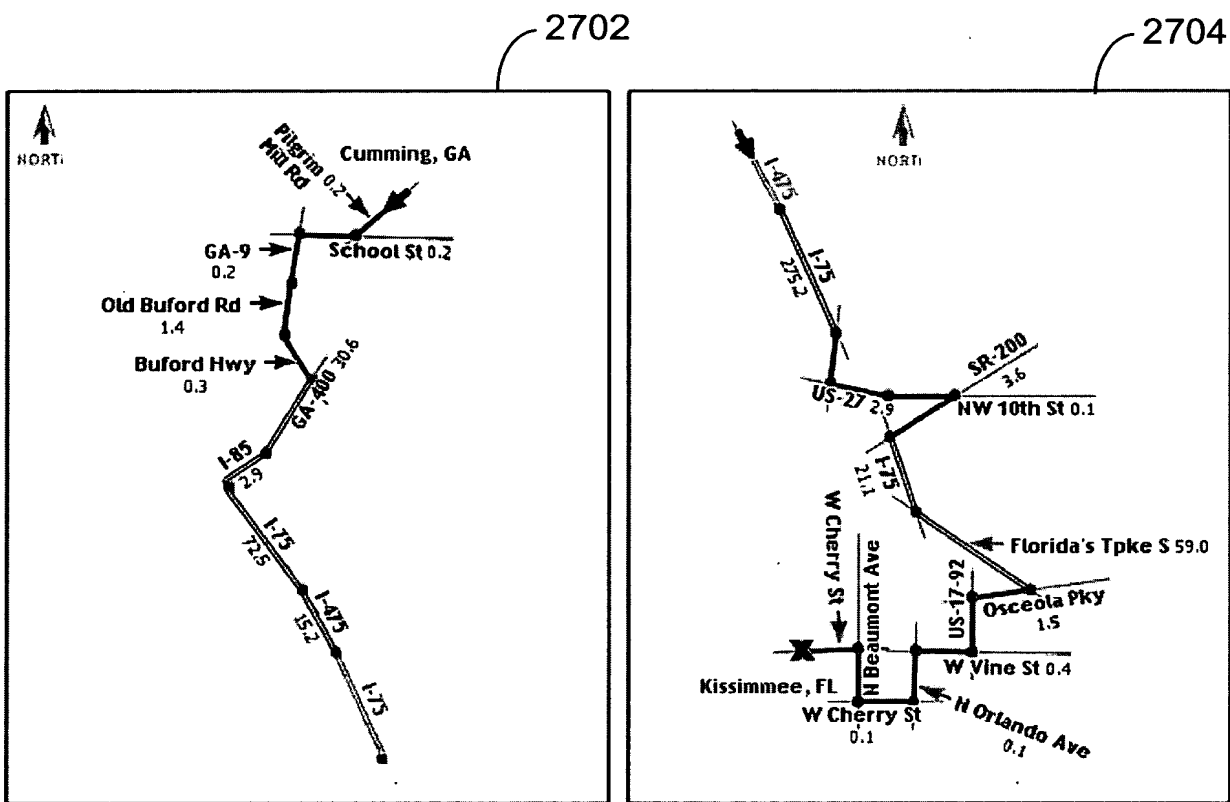
[illegible]

FIG. 27

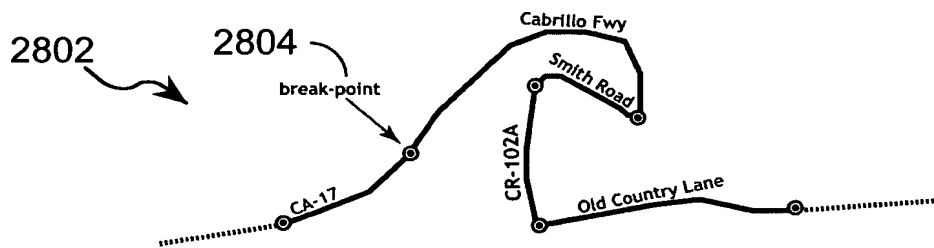


FIG. 28A

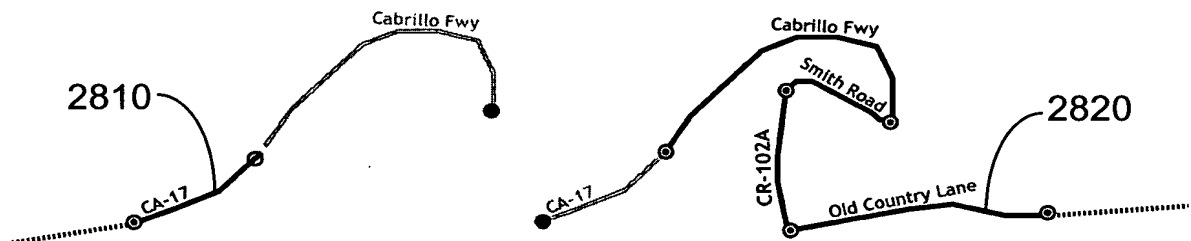


FIG. 28B

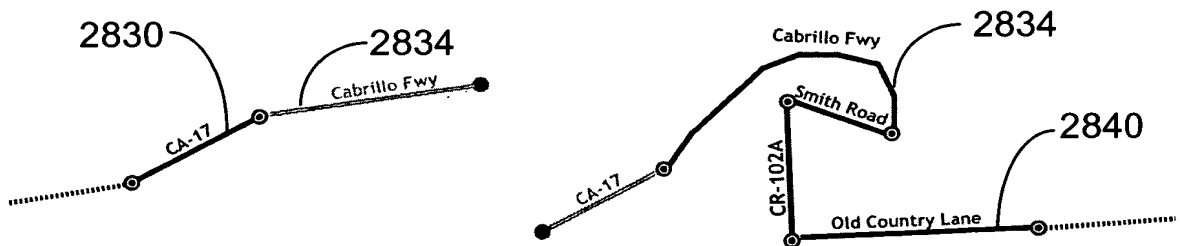


FIG. 28C

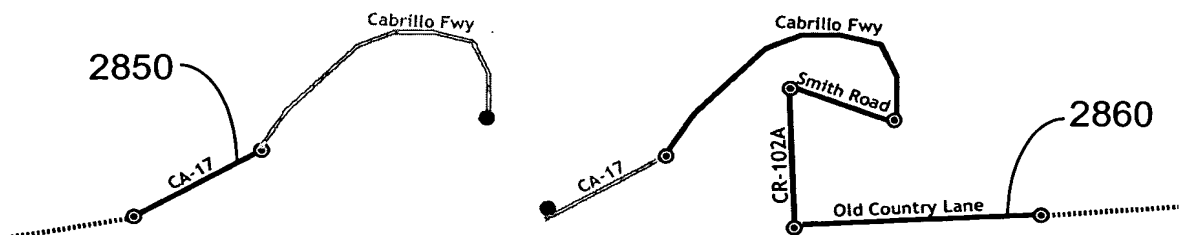


FIG. 28D

00727646-44000

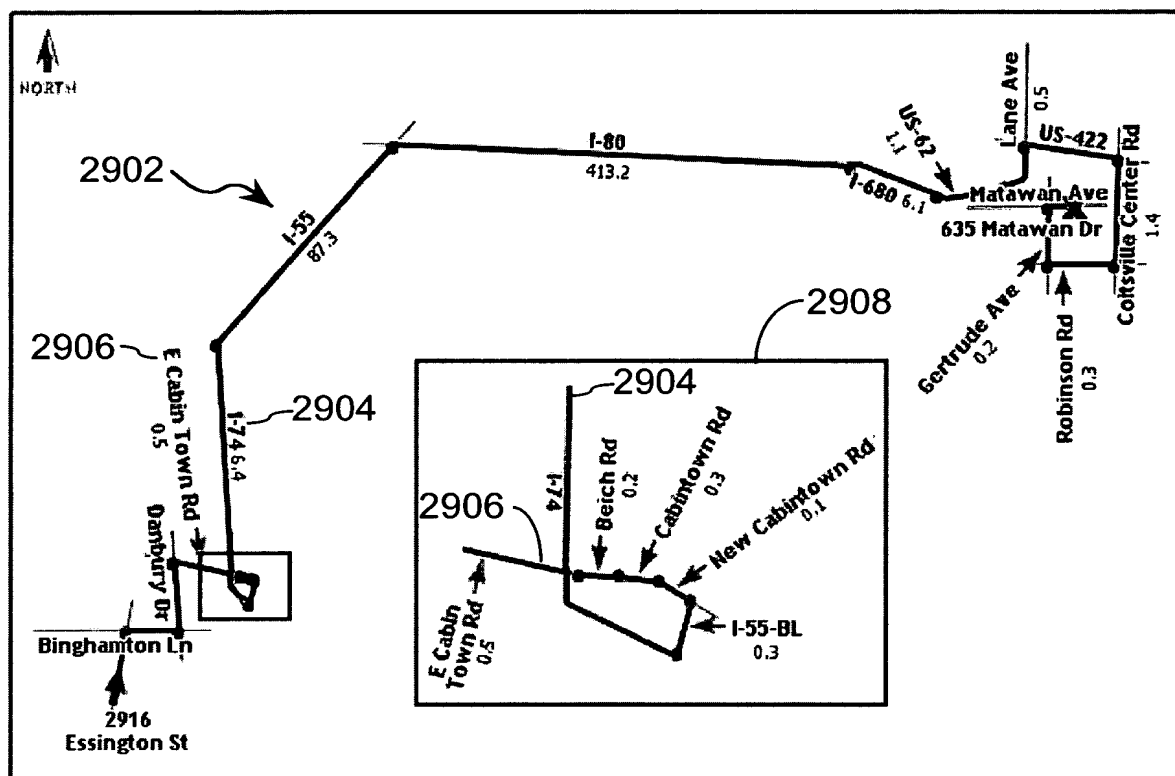


FIG. 29

DDDET 9492260

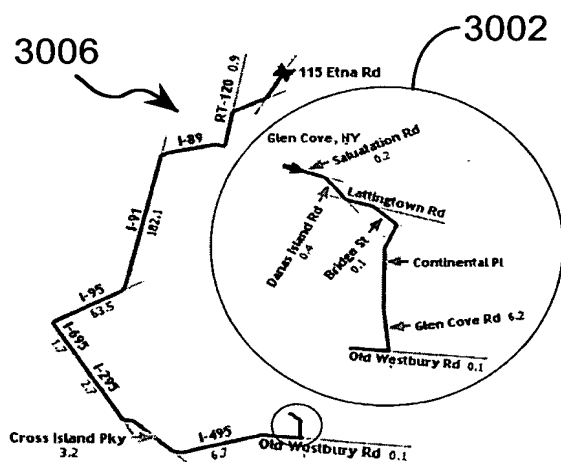
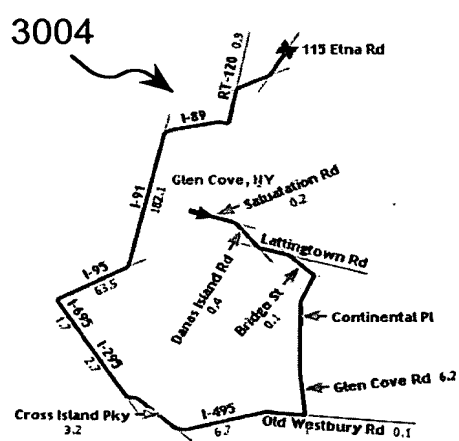


FIG. 30

- 3102

The map shows the study area (indicated by a star) located near the intersection of 704 Campus Dr and Pescadero, CA. The map includes the following roads and distances:

- Bayshore Hwy: 6.2
- Woodside Rd: 0.9
- Laurel St: 0.9
- El Camino Real: 3.8
- 704 Campus Dr: 0.1
- Pescadero, CA: 0.1
- Roth Way: 0.1
- Campus Dr W: 0.5
- Ranch Rd: 1.1
- Cloverdale Rd: 0.9
- Willow Spring Rd: 0.1
- Pescadero Creek Rd: 2.6
- Camino Hwy S: 15.6
- CA-92: 12.6
- Paso Dr: 0.7

A scale bar is provided at the bottom left, indicating distances of 0, 1, 2, and 3 miles.

FIG. 32B

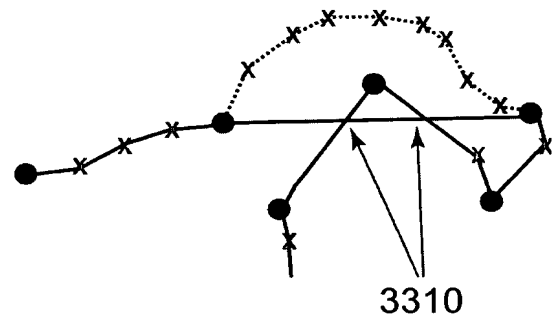


FIG. 33A

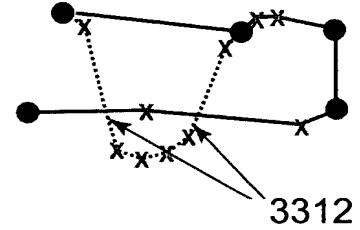
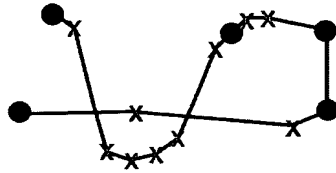


FIG. 33B

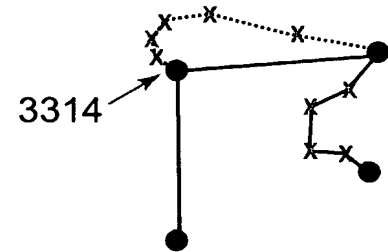
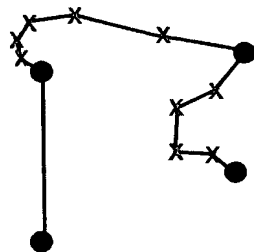


FIG. 33C

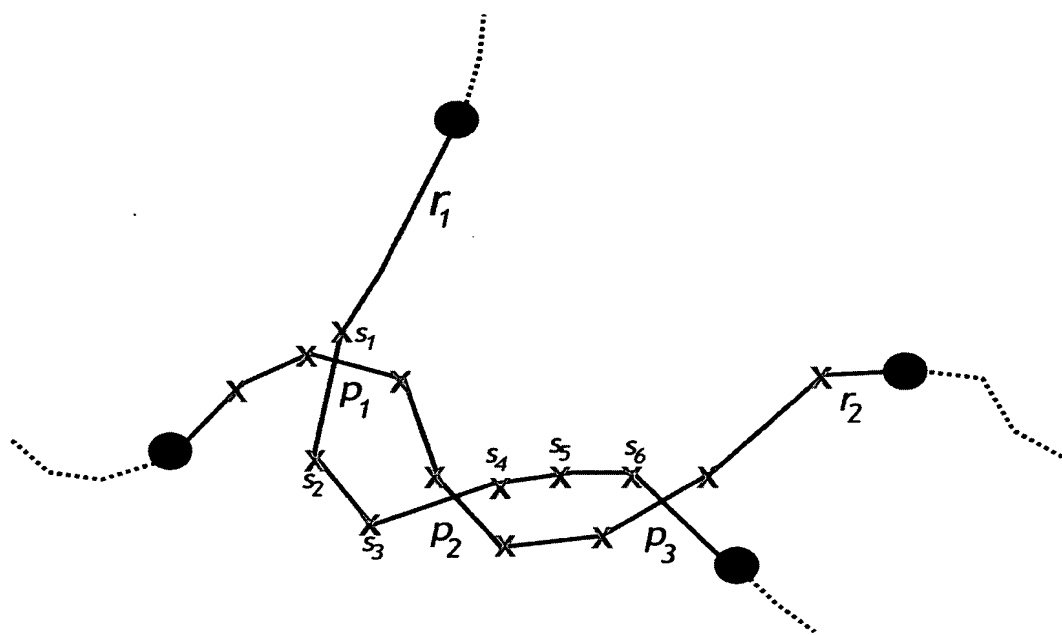


FIG. 34

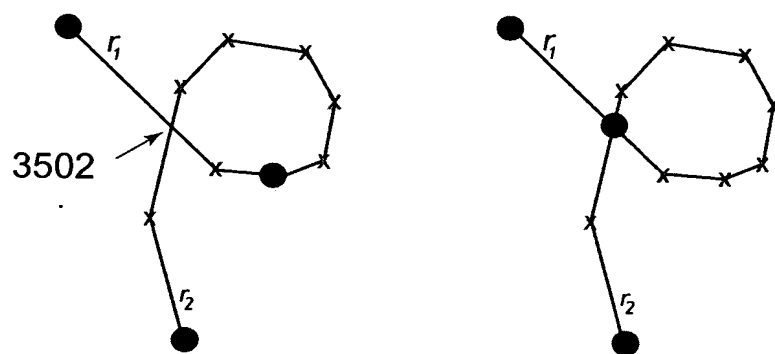


FIG. 35

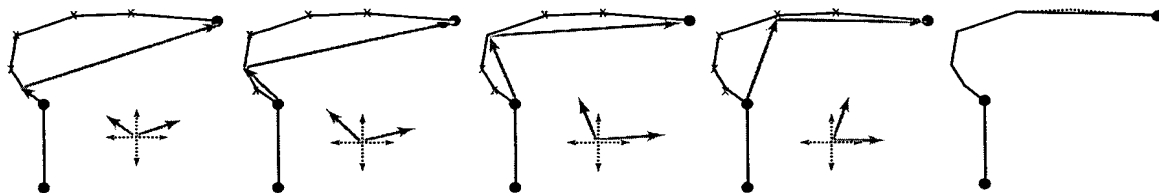


FIG. 36B

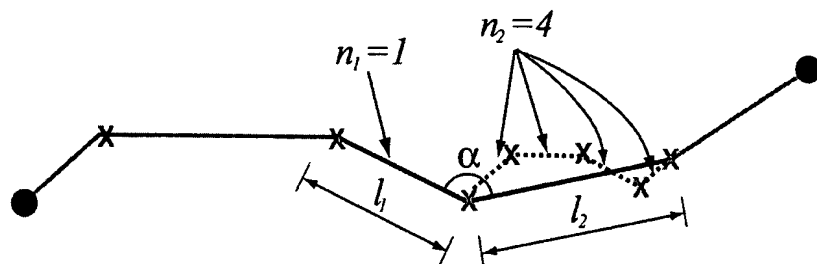


FIG. 37

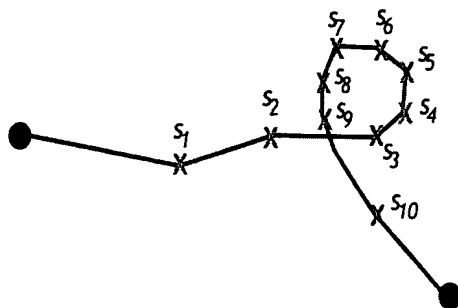


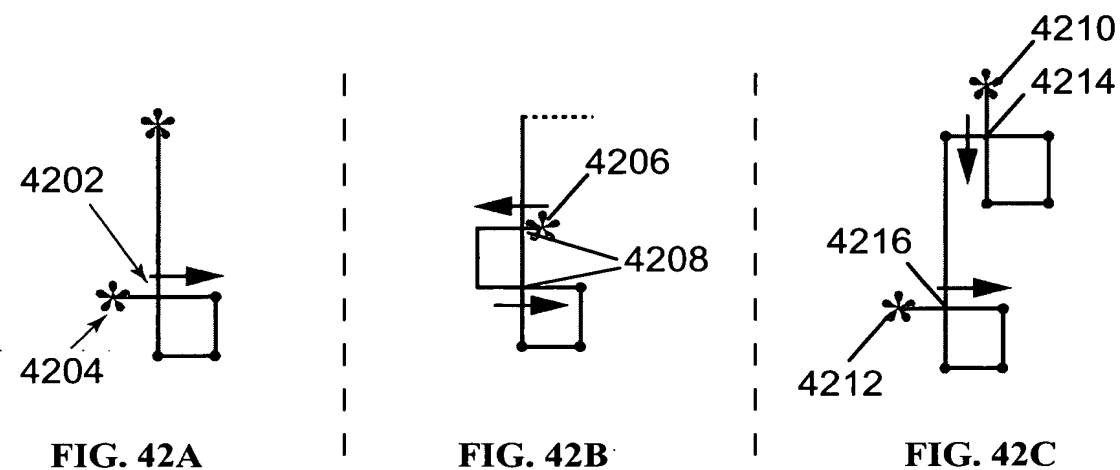
FIG. 38

Figure 1 consists of two diagrams, (a) and (b), illustrating the proposed algorithm.

Diagram (a) shows a path r_1 (solid line) leading to a junction point. From this junction, several dotted lines radiate outwards, labeled "possible directions for r_2 ". One of these directions is specifically labeled "ramp" with an arrow pointing to it.

Diagram (b) shows a shaded region Q_3 labeled "not acceptable to drop ramp". Four regions are labeled "acceptable to drop ramp": Q_1 (top right), Q_2 (top left), Q_4 (bottom left), and Q_3 (bottom right, which is unshaded).

FIG. 39



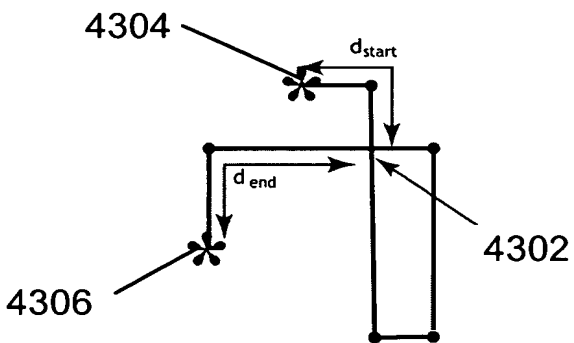


FIG. 43

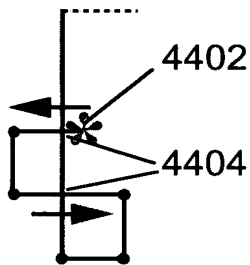


FIG. 44A

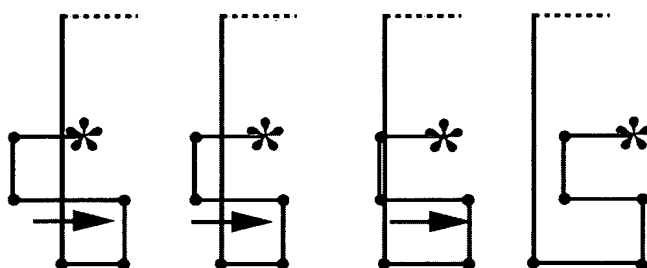


FIG. 44B

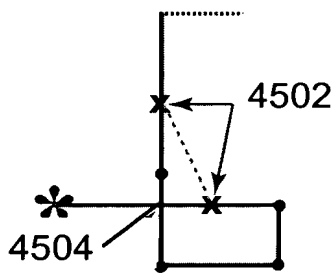


FIG. 45A

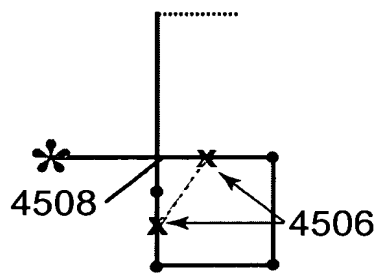


FIG. 45B

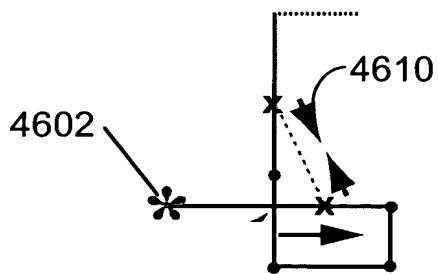


FIG. 46A

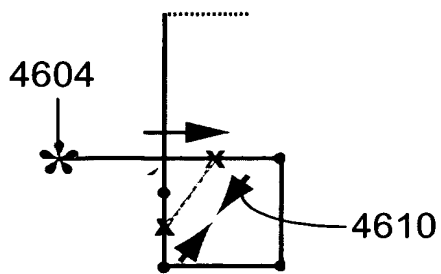


FIG. 46B

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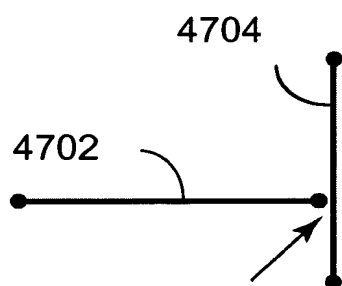


FIG. 47A

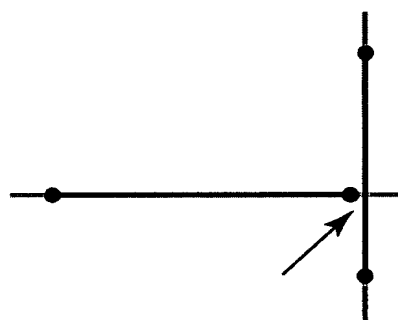


FIG. 47B

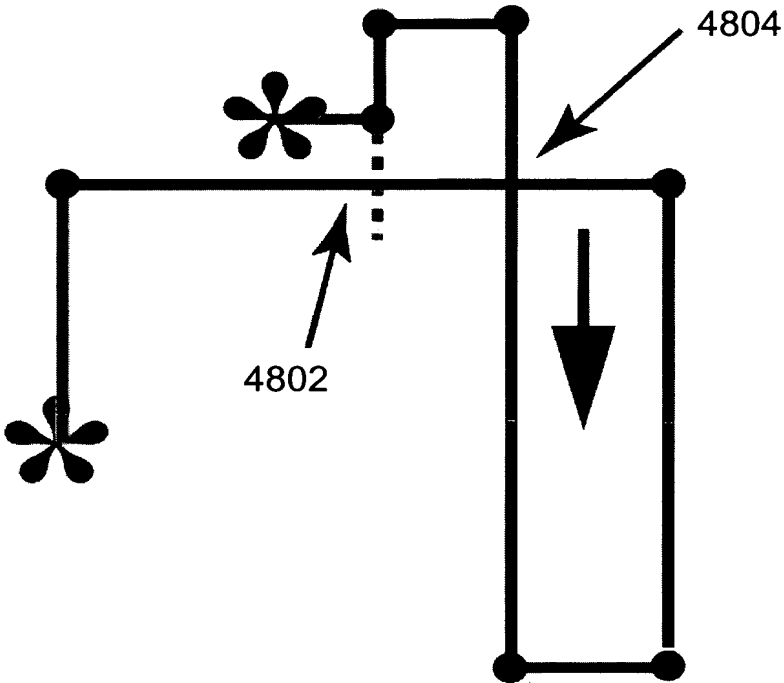
[illegible]

FIG. 48

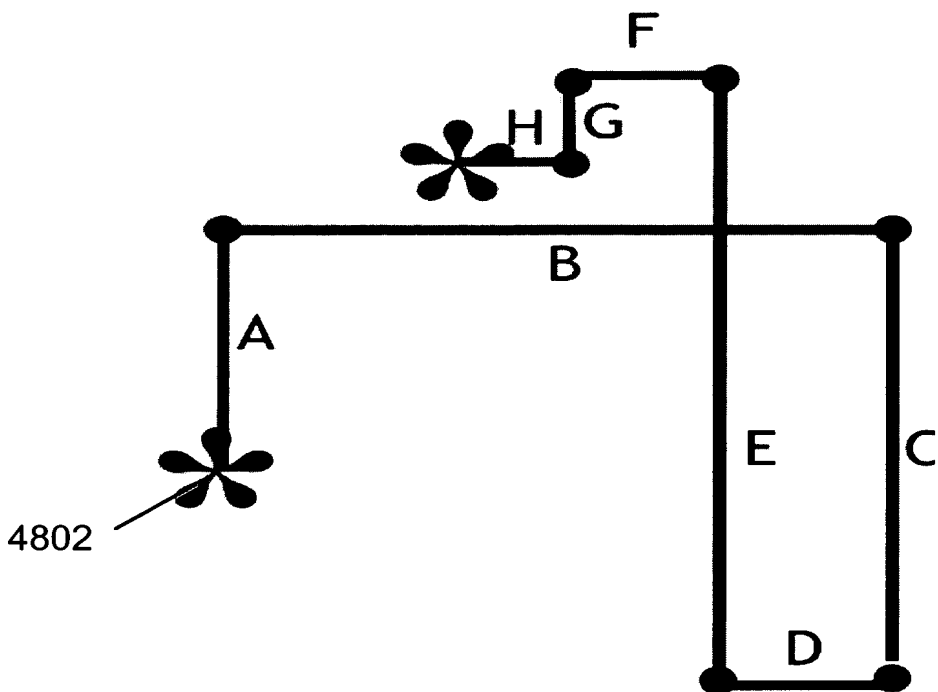


FIG. 49